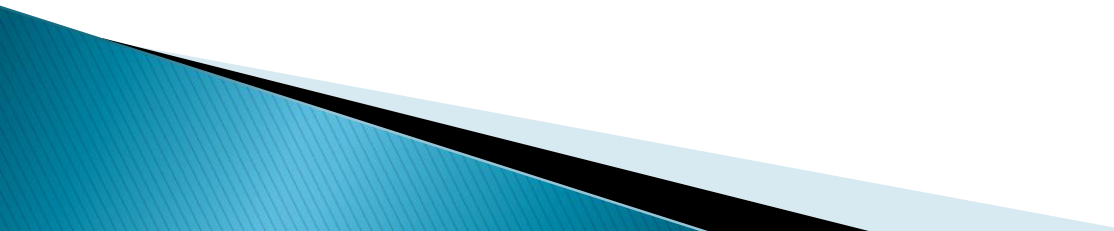


Community Partnerships

Fire Protection Services

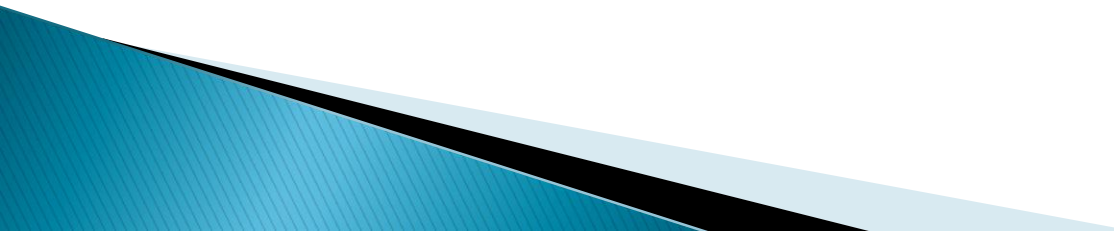
Two Communities Intertwined:

Sharing is essential:

- ▶ The lands of Hiawatha First Nation are nestled in and surrounded on two sides by lands of Otonabee–South Monaghan.
 - ▶ Hiawatha First Nation also borders Rice Lake on the south and the Otonabee River on the west.
 - ▶ Some residents of Otonabee–South Monaghan travel through Hiawatha First Nation to access their homes and properties in parts of Otonabee–South Monaghan.
 - ▶ There is only one road “Hiawatha Line” accessing the entire area traveling south from Peterborough County Road #2.
- 

Twp. of Otonabee–South Monaghan & Hiawatha First Nation

Brief History:

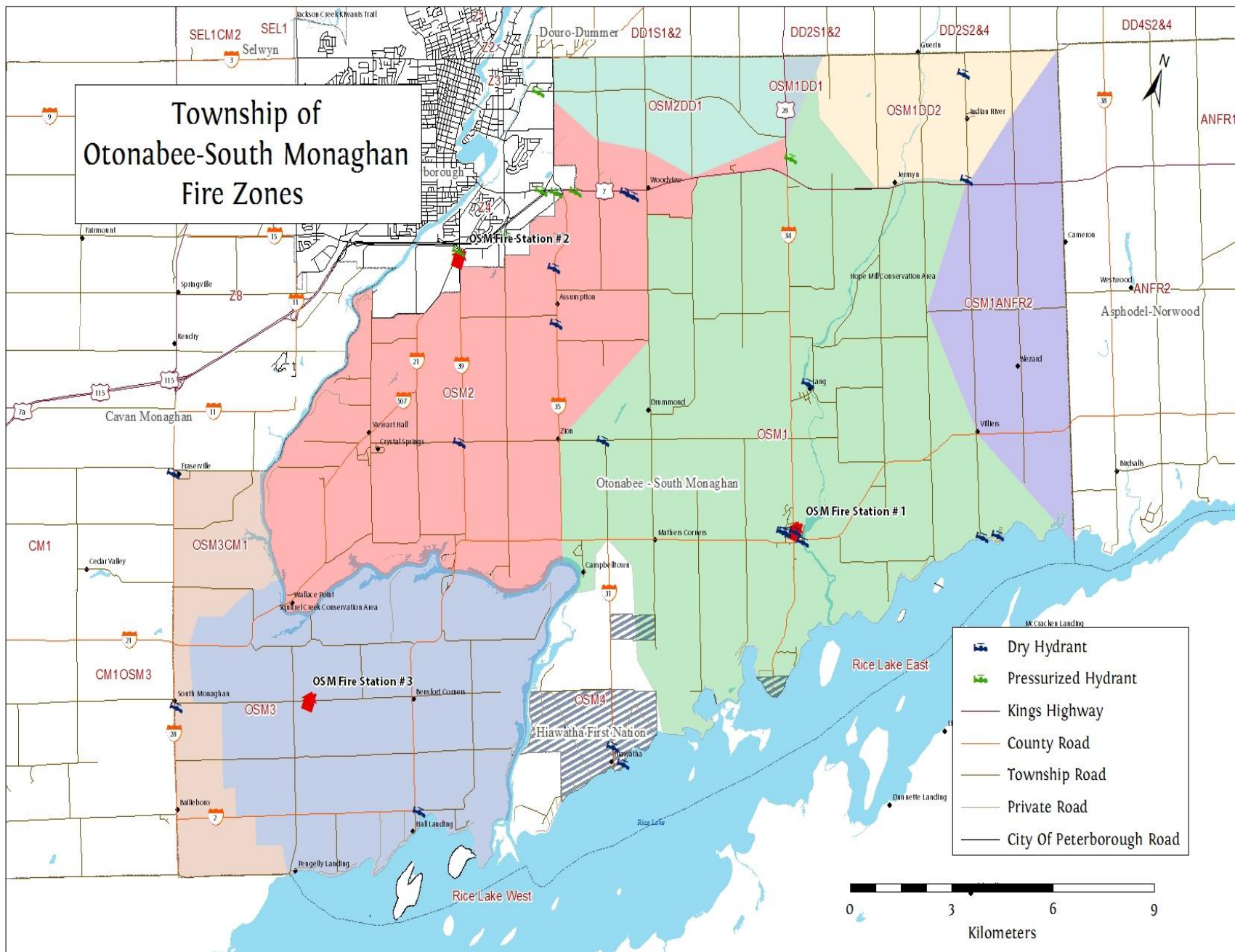
- ▶ The former Twp. of Otonabee has been providing fire services to the community of Hiawatha First Nation since the mid 1950's under a “fire protection agreement”.
 - ▶ The annual fee for fire protection services was calculated based on per household numbers and the fire department actual operating costs for the previous year.
 - ▶ The 1997–98 Provincial Amalgamation resulted in the new municipality of Otonabee–South Monaghan.
- 

Twp. of Otonabee–South Monaghan & Hiawatha First Nation

Brief History:

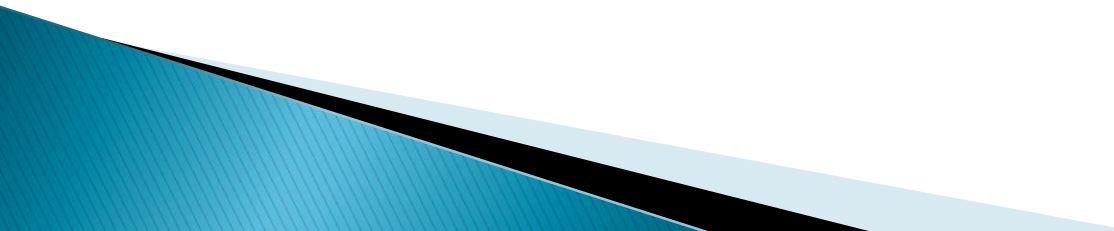
- ▶ The Municipal Council commissioned a Fire Services Review and Fire Master Plan project.
- ▶ The results of the Master Fire Plan identified gaps in optimum service delivery levels, along with options to address the listed deficiencies.
- ▶ The designated Fire Protection Area #4 servicing Hiawatha First Nation and surrounding lands of Otonabee–South Monaghan were deemed to be substandard, with response times ranging from 17 to 29 minutes.
- ▶ The closest fire station was located in the village of Keene 15 km away.

Township of Otonabee-South Monaghan Fire Zones

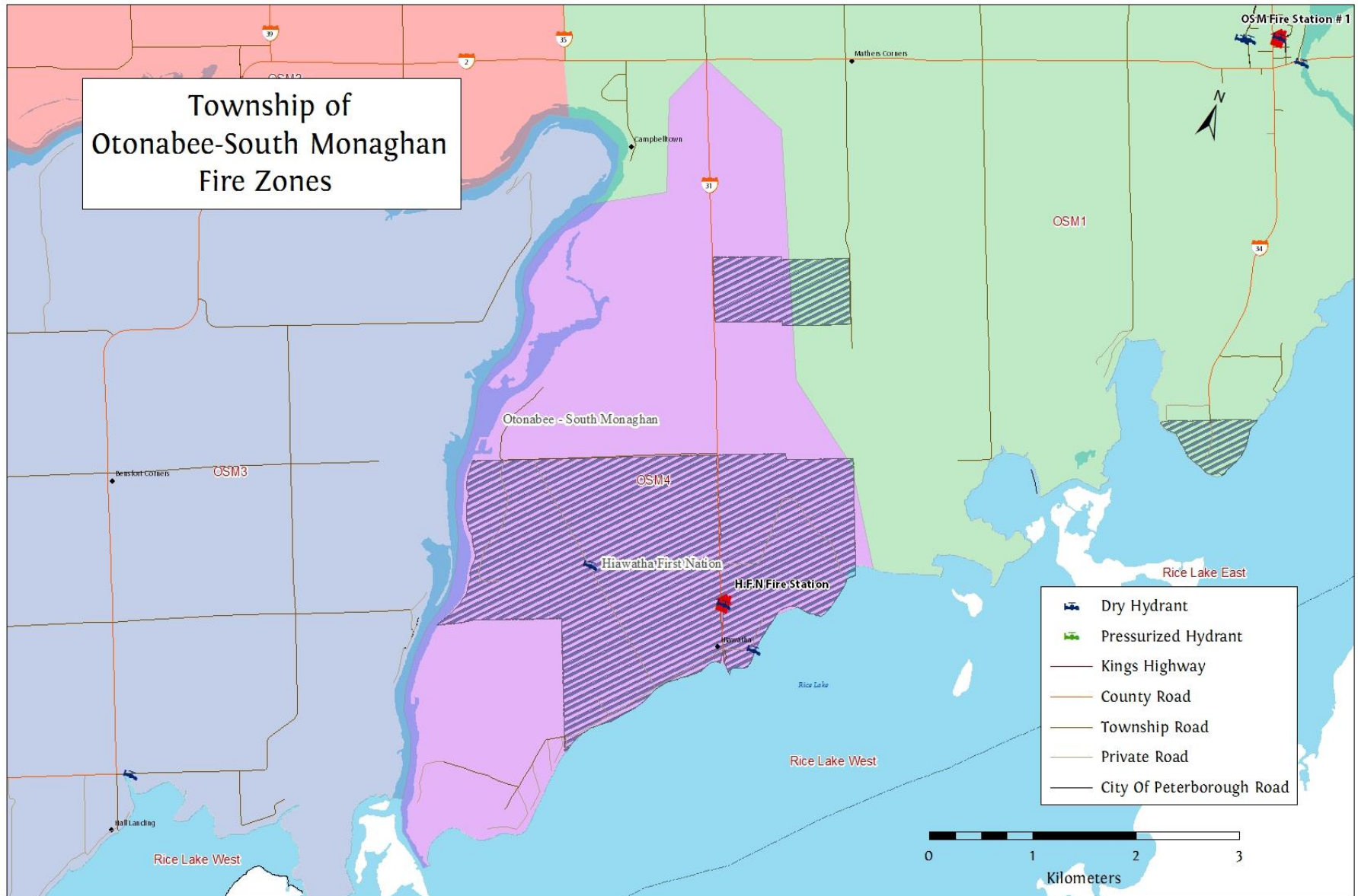


Twp. of Otonabee–South Monaghan & Hiawatha First Nation

Brief History:

- ▶ In 2001 the Fire Services initiated the formation of a Hiawatha First Response Team located in Hiawatha First Nation. (no formal agreement)
 - ▶ Immediate successes were recorded with several life saving interventions.
 - ▶ Response times now ranged from 4 to 10 minutes.
 - ▶ This team serviced the new designated OSM Fire Area #4 for medical assist responses.
- 

OSM Fire Area #4

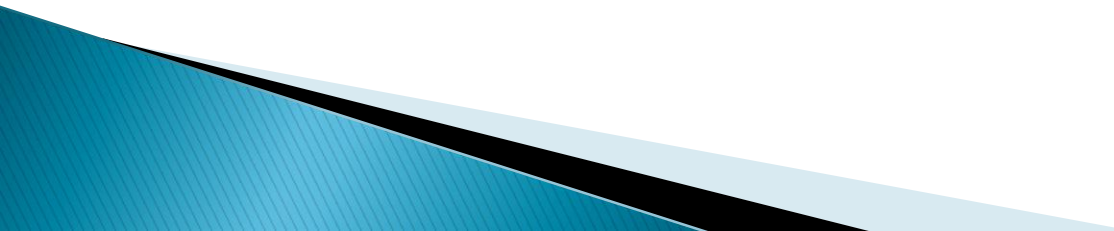


Twp. of Otonabee-South Monaghan & Hiawatha First Nation



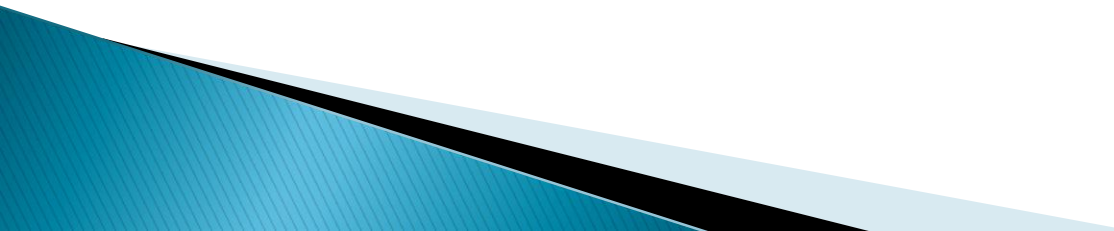
Twp. of Otonabee–South Monaghan & Hiawatha First Nation

Brief History:

- ▶ As part of finalizing the list of deficiencies in the Fire Master Plan, a detailed review and analysis report for Fire Protection Area#4 was conducted and presented in 2011.
 - ▶ The construction of a fire station was identified as one of the options for consideration.
 - ▶ The two Councils accepted the report and met to discuss their options:
- 


Twp. of Otonabee–South Monaghan & Hiawatha First Nation

The basis for an agreement:

- ▶ Hiawatha FN committed to the construction of a “new” fire station in 2013 to be located at 411 Hiawatha Line on Hiawatha First Nations lands.
 - ▶ OSM committed to the acquisition of the required apparatus, equipment, recruitment, training, operating costs, and management of the fire station.
 - ▶ The new facility would also house the First Nations Police Services with 25% of the designated building operating cost being applied to the police.
- 

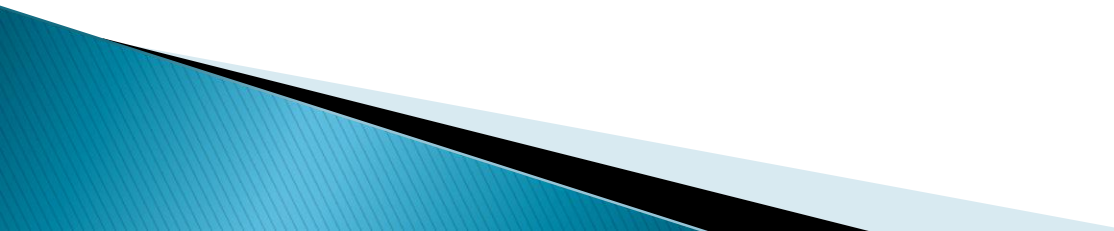
Twp. of Otonabee–South Monaghan & Hiawatha First Nation

The basis for an agreement:

1. The Fire Services is to remain under the management and direction of the OSM Fire Chief as Fire Station #4.
 2. All personnel are employed under the Township of Otonabee–South Monaghan as “volunteer Firefighters”.
 3. The agreement is to clearly define the service to be provided. The service level is to be inline with the OSM Fire Service Establishing and Regulating By–Law. Services are to include the three lines of defense Public Education, Fire Prevention and Emergency Response.
- 

Twp. of Otonabee–South Monaghan & Hiawatha First Nation

Costing Formula:

1. The intent of the costing formula is to provide fire protection services at the same average rate in Hiawatha as it costs the residents of Otonabee–South Monaghan.
 2. The annual costs for fire protection is to be calculated on the average annual costs in Otonabee–South Monaghan being applied to the number of serviced properties in Hiawatha First Nation.
 3. These costs include the residential, commercial and industrial properties in both communities.
 4. The annual Fire Service operating budget contains the provision for capital reserve contributions.
- 

Twp. of Otonabee–South Monaghan & Hiawatha First Nation

▶ Total Annual Fire Service Fee Calculation

▶ Fee Calculation Formula:

$$\text{FSV} = \frac{\text{TAAOC}}{(\text{HSB} + \text{MSB})}$$

$$\text{TAFSF} = \text{FSV} \times \text{HSB}$$

▶ TAFSF

“Total Annual Fire Service Fee”

annual calculated total fee for providing Services to Hiawatha

▶ FSV

“Fire Service Value”

annual calculated value multiplying factor

▶ TCSB

“Total Combined Serviced Buildings”

the sum of Hiawatha First Nation and Otonabee– South Monaghan buildings including (households / residential, commercial and industrial)

▶ TAAOC

“Total Annual Actual Audited Operating Cost” of providing fire and emergency services excluding by-law enforcement, 911, GIS Mapping and Emergency Management in the prior year.

▶ HSB

“Hiawatha Serviced Buildings”

as provided by Hiawatha under S.4.2


▶ MSB

“Municipal Serviced Buildings”

based on MPAC data for residential, commercial and industrial buildings in the Municipality

Twp. of Otonabee–South Monaghan & Hiawatha First Nation

Total Annual Fire Service Fee Calculation

- ▶ The Township data to be utilized for the annual formula is taken from the **MPAC Control Totals Report** – as an **independent third party**
 - ▶ This MPAC Report provides Household counts used for Residential & the Total number of assessed Commercial/Industrial properties.
 - ▶ An annual face to face meeting provides an opportunity for the review of the year and the calculated costing is to take place before the issuance of invoicing.
- 

Township of Otonabee-South Monaghan Fire Zones

The map displays the following fire zones and their associated colors:

- OSM1** (Green)
- OSM2** (Red)
- OSM3** (Blue)
- OSM4** (Purple)
- OSM1ANFR2** (Yellow)
- CM1** (Orange)

Key locations and features include:

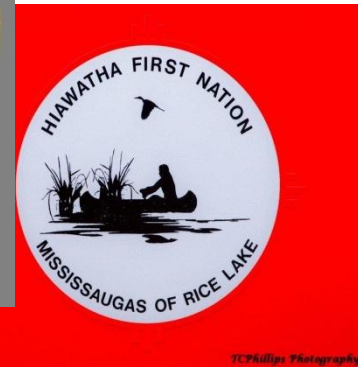
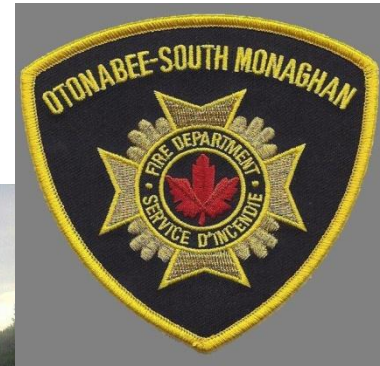
- Fire Stations:** OSM Fire Station #1, OSM Fire Station #2, OSM Fire Station #3, and H.F.N. Fire Station.
- Hydrants:** Dry Hydrant (blue icon) and Pressurized Hydrant (green icon).
- Roads:** Kings Highway (thick orange line), County Road (thin orange line), Township Road (thin grey line), Private Road (dashed grey line), and City Of Peterborough Road (thick grey line).
- Geographical Features:** Rice Lake East, Rice Lake West, and various landings (e.g., Wallace Point, Rice Lake East, Rice Lake West).

A scale bar indicates distances in Kilometers (0 to 9). A north arrow is located in the top right corner.

-  Dry Hydrant
-  Pressurized Hydrant
-  Kings Highway
-  County Road
-  Township Road
-  Private Road
-  City Of Peterborough Road



Twp. of Otonabee-South Monaghan & Hiawatha First Nation



JCPHillips Photography